

Application No. 10/719,8401
Reply to Office Action of Jun. 7, 2004
Amendment dated Sep. 7, 2004

AMENDMENTS TO IN THE SPECIFICATION

Please replace the paragraph beginning on page 42, line 2, with the following amended paragraph:

The invention is directed to a system and method for detecting substances, such as high boiling and low vapor pressure materials, using high energy radiation imparted by a suitable radiation source, such as a strobe or laser over a short time period. The radiation source causes the materials to vaporize. A system handling system is used in conjunction with a detector to detect the presence of the materials including explosives, explosive-related compounds, chemical warfare agents, drugs, toxic industrial compounds, and derivatives thereof.